

"Dedicated to Public Service"

THE RADIATOR



W6RHC

IRL #8170

Echolink #322788



<http://www.gearsw6rhc.org>

P.O.Box 508 Chico, CA 95927-0508

Founded: August 13 1939

75 YEARS

AUGUST, 2014

Coming Events

O.A.R.S. GENERAL MEETING

Second Friday, every month, at 7:00 p.m., at St. Paul's Church Parrish Hall, 1430 Pine St., Oroville

G.A.R.S. First Wednesday, each month, General Meeting, Lutheran Church Hall, Artois; 7:00

G.E.A.R.S. General Meeting, third Friday each month, at Butte County Search and Rescue Building, Chico. Doors open at 6:30 p.m.

Butte A.R.E.S. MEET: fourth Friday, monthly, at Butte County Search and Rescue Building.

FCC EXAMS - GEARS VEC

.First Sunday of every even numbered month.

At the Butte County Search and Rescue Building. Written test at 2:00 p.m. For information or pre-registration call Gene WA6ZRT, (530) 345-3515.

Club Events:

News and items of interest
GEARS Calendar...all inside.

Website: www.gearsw6rhc.org



Picture courtesy EVARC

The Prez' Says:



Well the big thing for this month is the dinner on August 16 at the HomeTown Buffet. I managed to negotiate a deal with them that it will cost \$14.50 each for all the food and drink you can consume. Festivities will begin about 6:30 pm. I will need a head count on the Monday before so they can get waitpersons and steaks enough for all. I am now on the hunt for door prizes for the drawings for that evening. If you have a radio item you'd like to donate, let me know. I plan on visiting several (many) businesses in the Chico area to beg contributions.

At the Field Day gathering on the last weekend in June, Ron Murdock, our SV region manager for ARRL, donated a new 2014 ARRL handbook. Much as I would have loved to keep it for myself, I dropped the names of all the radio ops and loggers who worked that weekend at our site into a hat for a drawing. Jeff House was the winner of that ten pound manual. Hope he has room on a shelf to fit it. If not, he can use it to press flowers or as a door stop.

Tom Rider and his XYL traveled East and attended the 2014 centennial convention for the ARRL. They also planned to visit family while on the other side of the country. Hopefully, Tom will give us a report at the next club meeting (August 15, 2014, 6:30 pm at the S & R building). And Tom will be stepping up to fill the position of VEC being vacated by Gene Wright. Gene has been our VEC for many exams and wants to step back from all the responsibilities. A huge and heartfelt "THANK YOU" goes to Gene for his dedication to testing new hams over the years.

Prez Says—continued

In case you have been wondering, our Echolink and IRLP node connections haven't been working for the past few months. The equipment has been retrieved from James Hilton's (He's been too busy) and will be set up just off the Skyway at Scott Peterson's QTH. Scott has a great panorama of the valley and will be hitting the GEARS repeater from that site. Will keep you in the loop for when everything is operational. It will be nice to have those two feature accessible again.

The tee shirt order has gone to the printer and we should have them back for delivery at the August meeting. Bring some cash or your checkbook so you can ransom the shirts you've ordered.

I'm sure that I'm forgetting something, but can't find it in my notes. If it's real important, I can always send a special bulletin. Until next month, next bulletin or the meeting- -see you on the air-waves.

Anna KG6ZOA

++++
EDITOR'S REQUEST: ANY MEMBER WHO MAY POSSESS COPIES OF OLD RECORDS OF GEARS EVENTS, MEETINGS, ETC., PLEASE CONTACT me, DOROTHY 865 0260; I DESIRE THESE RECORDS FOR RESEARCH AND CATALOGING PURPOSES AS SO MANY OF THE OLDER RECORDS-1940-1965/66 ARE MISSING. I WILL BE HAPPY TO RETRIEVE THE RECORDS FROM YOU IF YOU WILL PLEASE CONTACT ME!

AUGUST 15 GEARS PROGRAM

This month at the GEARS meeting will be a program on Dx'ing with a world famous dx'er, Paul, N6PSE.

Check out his QRZ page to see all the Dx expeditions in which he has participated !

This is truly a treat as Paul is in San Jose, (remodeling his home), so we will be connecting live with SKYPE! He will stay with us for questions at the end of the presentation. This is a live event and we will be utilizing the projector monitor at Search and Rescue.

Hope to have a packed meeting! See you there....73's

Scott ke6vus

+++++

Butte County ARES

(Amateur Radio Emergency Services)

BCARES net is held on Mondays at 8pm on W6SCR 145.290 -, PL110.9. Nets will not be held on Mondays with attached holidays.

You are encouraged to check-in to local ARES nets to get a feel for operations in surrounding counties.

Go to www.buttecountyares.org/bcares-net for listings of the local nets.

Scott Petersen—ke6vus
 EC -BCARES

Amateur Radio *Aug. 13* Operators Organize *1939* Golden Empire Club

The Golden Empire Radio club was formally organized yesterday at a meeting held in Bidwell park following a delicious family picnic dinner.

The "ham" radio operators, who have become fast friends "over the air" due to their mutual hobby, have been staging monthly picnics whereby they have been able to enjoy more personal contacts and their families have had the pleasure of becoming acquainted.

While the "hams" discussed matters technical and formed their organization, their families spent the time visiting and many enjoyed swimming in Sycamore pool. The next meeting was announced for September 17.

Officers elected are Frank Warnick, Butte City, president; Burr A. Heywood, Chico, vice president; N. O. Dixon, Chico, secretary-treasurer. Charter members of the club are Warnick W6KYO; Heywood, W6DPL; Dixon W6RHC; Keller, W6PFH; Hart, W6RAQ; Davis, W6DTV; Cortopassi, W6GHP; Guilford, W6FPN; Keplinger, W6QUY; Stockton, W6KUJ and Ullom, W6BDW.

Attending the picnic were Mr. and Mrs. Charles Keplinger, their daughters, Ruth and Thelma Lee, of Durham; Mr. and Mrs. Frank Warnick, their small son, Billy and Mrs. Warnick's parents, Mr. and Mrs. W. Wadsworth, all of Butte City; Mrs. Mason Stockton, their daughters, Beverly and Marilyn and Miss Mary Murdock of Glenn; Chet Ullom, Gridley, Dan Cortopassi, Roseville.

Mr. and Mrs. N. O. Dixon, their daughters, Evelyn and Norma; Mr. and Mrs. Henry Davis; Mr. and Mrs. B. A. Heywood, their daughter, Sandra Nell, Mrs. L. L. Heywood, Miss Mary Jane Seydel, Boyd Hartt, all of Chico; Ken Keller, Princeton and Al Guilford of Lincoln, president of the Placer Radio club of Roseville.

Article from the Chico
Newspaper, August 13, 1939,

**GEARS Charter was filed
with _ARRL on March 1, 1940.**

**GEARS Articles of Incorpora-
tion were filed with the Secre-
tary of State of California on
April 29, 1957, entity Number
C0337379.**

**(see notation re incorporation
of non profit entity on page 7.)**

*This is the copy of the
clipping of the organizing
of the Club.
S.J.H.*



THE FIRST GEARS OFFICERS & MEMBERS

Frank Warnick-W6KGO, President

Burr Heywood-W6DPL, Vice President

Nola Dixon-W6RHC, Secretary-Treasurer

Kenneth Keller- W6PFH

Boyd Hart- W6RAQ

Harry Davis – W6DTV

Dan Cortopassi-W6QHP

Al Guillford-W6FPN

Charles Keplinger-W6OUY

Mason Stockton-W6KUJ

Chet Ullom- W6BDW

Charter of Affiliation

Whereas it is the desire of the American Radio Relay League to establish bonds of affiliation with noncommercial Amateur Radio organizations of kindred aims and purposes to make possible unity of action in matters affecting the welfare of Amateur Radio and lend mutual strength; and Whereas

Golden Empire Amateur Radio Society

as declared its sympathy with and allegiance to the aims and policies of the League in its efforts to strengthen and advance Amateur Radio Communication and Experimentation, and has expressed its willingness and desire to cooperate therein.

Now therefore, under the policies of its Board of Directors, the ARRL as of this date hereby declares the said organization to be an affiliated body, and issues this charter in token thereof.

March 1, 1940

Affiliated

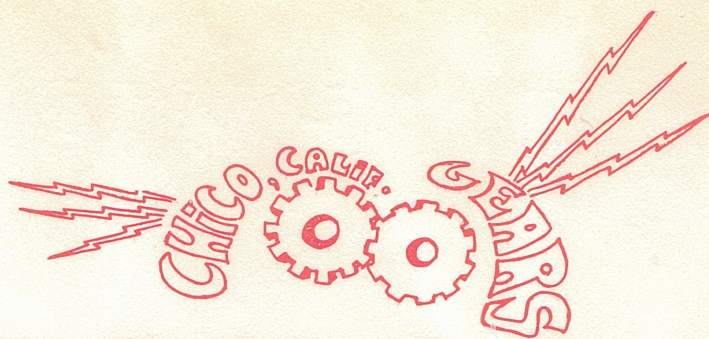


ARRL The national association for
AMATEUR RADIO

David Sumner / Cary Craigie

Secretary

President



GOLDEN EMPIRE

Chico (Calif.) Enterprise-Record, Thursday, Jan. 8, 1976, Page 12A

GEARS Meet Friday Night

The Golden Empire Amateur Radio Society (GEARS) will hold its regular monthly meeting at 8 p.m. Friday at the Pleasant Valley Recreation Center, 2320 North Ave.

The meeting will be held under the direction of the club's newly named officers: H. Goodsell, president; A. Biegler, vice president; C. Bird, secretary; and G. Lewis, treasurer.

All licensed amateur radio operators and persons interested in becoming licensed "hams" are invited by club officials to attend.

15 JANUARY 1976

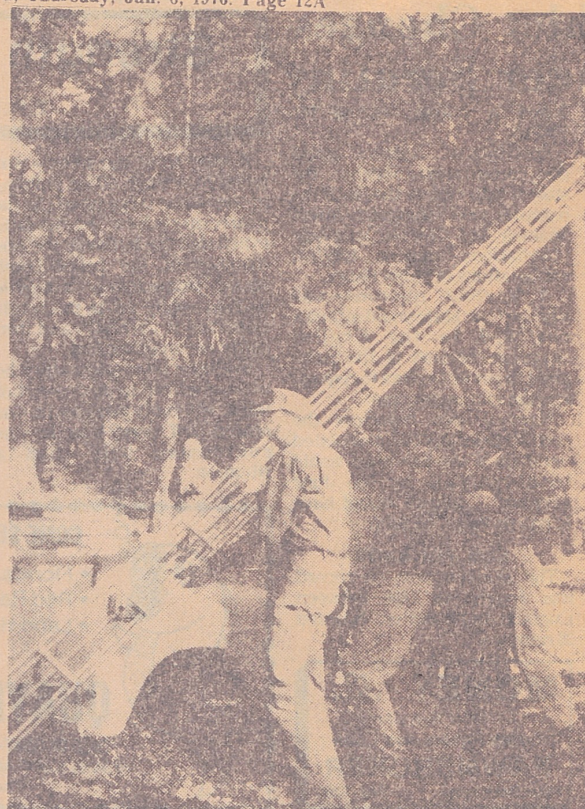
Photographs from 1976 records:

Raising of Repeater antenna WR6AJE
AT Forest Ranch, QTH of WB6DLW,
January, 1976; Photo by K6 JQO

The location site was given the Club informally in 1978 by Roy Rolls & Dorothy Rolls. The arrangement was formalized in May 1992, via officially recorded License for Ingress & Egress documentation.

1976 photos are on this page and the next

Unfortunately this antenna collapsed during a heavy storm in September, 2012, necessitating its removal. Photos of the removal are on page seven.



ANTENNA RAISED—Members of the Golden Empire Amateur Radio Society raise their new FM repeater antenna on a ridge at Forest Ranch.

Radio Society Antenna Raised at Forest Ranch

Potential emergency communications in the North Valley received a boost recently as members of the Golden Empire Amateur Radio Society (GEARS) erected a new 2-meter FM transmitting antenna at Forest Ranch.

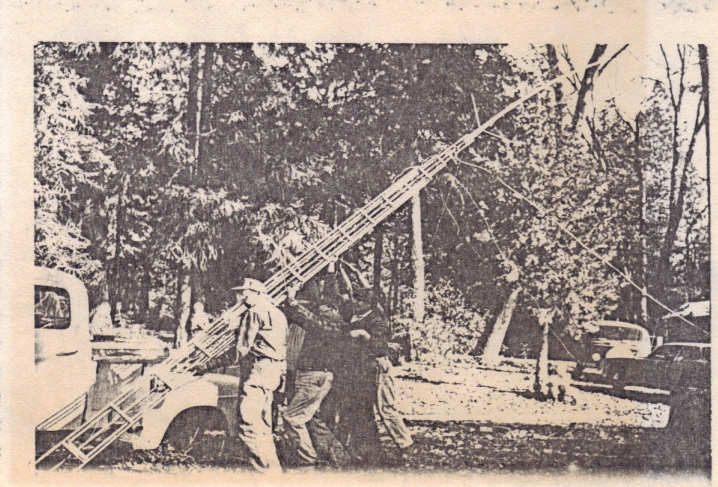
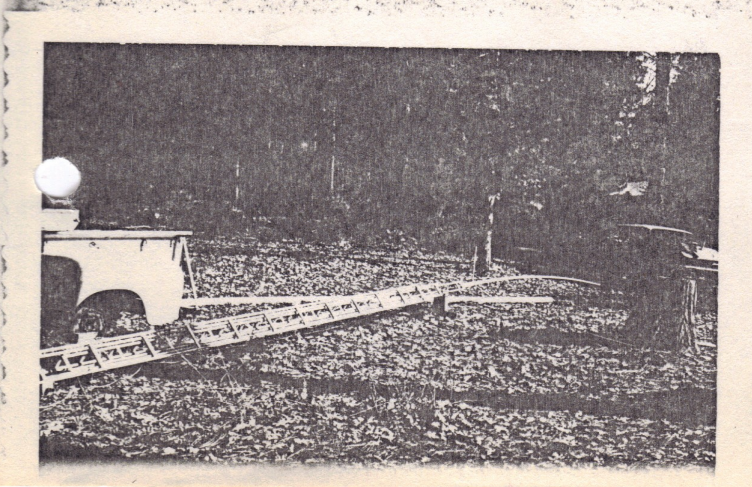
The new antenna is the latest addition to the club's radio repeater system placed in operation last year.

This system provides two-way communications to most areas from Red Bluff to Sacramento and is used by club

members and other licensed amateur radio operators.

The system enables low power mobile and walkie-talkie units to communicate with each other anywhere within the system's operating range. Amateur radio operators must pass varying degrees of technical tests and demonstrate proficiency in the use of Morse Code before being issued licenses by the federal government.

Further information on GEARs is available at 343-8559.



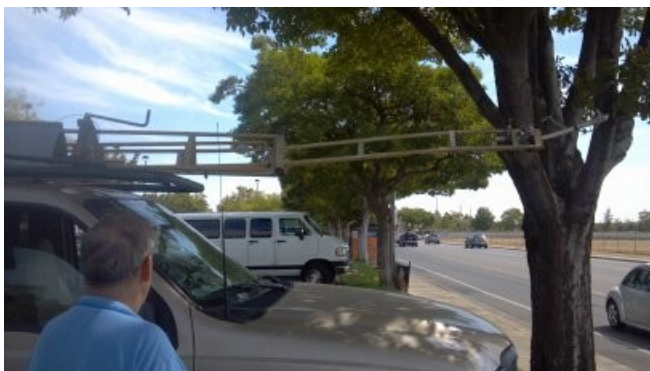
Farewell to many years of service...1976 to 2012: Until the storm destroyed the repeater, it served the Club well.

The Club repeater, W6RHC, updated antenna, with solar charging batteries , equipment, & building are still located on this property.



**1976 Harl Goodsell K6JQD
President**

**2011,—.2013:
Lawton "Gene" Wright
President**



**1977: Al Beigler-WA6WJZ
President**

**1966:: Dick Hann WB6DPY
President**

Why incorporation became an important issue for the club:

In order to form a nonprofit corporation, you must file articles of incorporation (sometimes called a "certificate of incorporation" or "charter document" or "articles of organization") with the state and pay a filing fee. .

The articles function like a constitution for the nonprofit corporation. Ordinarily, the document is short and simple, and you can prepare it on your own by filling in the form provided by your state. A number of items in the articles, however, are important in order to obtain tax-exempt status from the federal government, such as the statement of purpose and statements indicating that the organization will not engage in prohibited political and legislative activity and that all of its assets will be dedicated to its exempt purpose under 501(c)(3).

A QSL/PSE exchange between Nola O. Dixon, W6RHC—dated November 17, 1946.

The GEARS Club honored Mr. Dixon, a founding member, by adopting his call sign as our Club call sign.



Photo: Courtesy of Stephen McDermott- W6akf

Norm Fesaro from ARRL provided us with the copy of GEARS Charter, OF Affiliation with that body, which is reproduced on page 5.

His courtesy and graciousness is deeply appreciated.

W6JS TOM RIDER

GRACIOUSLY MADE HIS PROPERTY AT
13570A CENTERVILLE ROAD, CHICO, CA
AVAILABLE FOR THIS EVENT

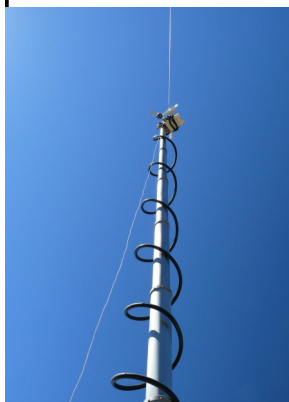
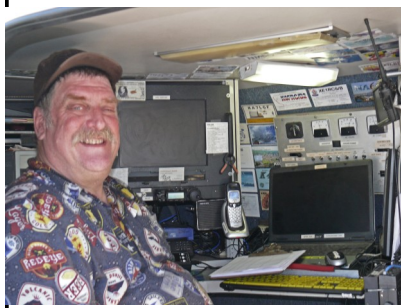


GEARS SITE

N 39.47.32 W 121.39.02

SKYWAY, NEAR PARADISE

(OPPOSITE POINT LOOK-OUT)



Photographs by KD6GTE-KLAUS KEIL
THANK YOU KLAUS FOR YOUR
SUPERB PHOTOS!



ARES SITE
N 39.43.64 W 121.40.81



The Newbie's

The newest WARC Bands to ham radio are 12 meters (24 Mhz), 17meters (18 Mhz) , 30 Meters (10.1 MHz) . These are very new bands and most of the newer HF rigs will have them as band selections. They were named after the World Radio Administrative Conference, (WARC-79). In 1979 created a worldwide allocation of these bands for amateur use were opened up in the mid to late 1980's for US hams. Sixty meters was opened up in March 2012.

[For those ham's who don't like contesting, there's no contesting on 12, 30, 17, and 60 meters.](#)

12 Meters

Very heavily influenced by the sunspot cycle. At the bottom of the cycle it is suitable only for very short distance ground wave communications for long periods of time. At the peak of the cycle it is capable of communications over thousands of miles with a minimum of equipment. A nice mobile band when conditions are right.

Dipole for 12 meters:

Extra, Advanced , General CW: 24.890 - Total Length: 17' 10" Per Leg: 8'

Extra, Advanced, General Phone: 24.930 - Total Length: 17' 9" Per Leg: 8'

30 Meters:

A lot like 40 meters but can only be used on CW, Data, Digital. No broadcast interference and has slightly longer range than 40 meters. Daytime ranges of 1000 miles are quite common. This band has a 200 watts PEP restriction.

Extra, Advanced, General CW, Data, Digital: 10.100 - Total Length: 44' 0" Per Leg: 22' 0"

17 Meters:

Band conditions are very similar to 20 meters. This seems to be a very popular band when hams go mobile and lots of fun can be expected. You will meet some of the nicest hams on 17 meters. A very cordial operators.

Extra, Advanced, General CW: 18.068 - Total Length: 24' 7" Per Leg: 12' 3"

Extra, Advanced, General Phone: 18.110 - Total Length: 24' 7" Per Leg: 12' 3"

60 Meters

Effective March 5, 2012, the FCC entered new regulations for sixty meters. Amateur operators are now allowed up to 100 watts ERP with a maximum of 2.8KHz bandwidth. The FCC has also allowed the use of CW and certain digital modes with restrictions. The current new frequencies allocated for USB by the FCC for amateur use in the United States as a cluster of 5 frequencies or channels

(continued from page 11) **The Newbies**

States as a cluster of 5 frequencies or channels shared with Government users. Many restrictions apply to technical requirements of ham transmitters and antennas. Hams are secondary user of this band, not primary, so we must yield to interference problems with Government stations. Sixty meters is much like 80 and 40 meters. However, sixty meters may not be in the current models of HF rigs with a designated band "Button", it's just too new.

If you have a GENE button on your HF rig, press it and it will get you in to the General Coverage of your receiver. Check your Operators Manual for this function and procedure. Sixty meters doesn't have a "calling channel" like some of the channelized amateur bands. I suggest using 5357.0, it's the middle of the channelized segments. Channel 5 is used for USA & UK exterminations.

Phone

Use **Upper Sideband only** on the following suppressed carrier frequencies. The frequencies typically shown on transceiver displays.

Channel 1: 5330.5 kHz Channel 2: 5346.5 kHz Channel 3: 5357.0 kHz

Channel 4: 5371.5 kHz Channel 5: 5403.5 kHz

Extra, Advanced, General CW & Phone: 5330.5 - Total Length: 83' 4"
Per Leg: 41' 8"

CW and PSK31 on the following channel-center frequencies.

Channel 1: 5332.0 kHz

Channel 2: 5348.0 kHz Channel 3: 5358.5 kHz

Channel 4: 5373.0 kHz Channel 5: 5405.0 kHz

I hope these articles have helped you understand the bands we operate and their propagation. The lengths are accurate from the end insulator to the center insulator. Make sure you add at least 6" to each end for wrap-around.

Stephen, W6AKF

**MINUTES OF GENERAL MEETING for
July 18 2014**

PROGRAM: Impedance Matching by
Scott Peterson

ATTENDANCE: Treasurer not present

VEC: None

TREASURER:
None

MINUTES: Approved the minutes
from June meeting.

OLD BUSINESS:

Tee Shirts: Order forms are available
or contact Anna by email or phone to
make your request known. Size, with
\$9 or without \$8 pockets and number.
Larger sizes and tall will be more.

75th Anniversary Dinner is to be on the
16th of Aug at 6:30 pm at Hometown
Buffet . Current price is about \$14 to
\$15 per head. There will be fried and
baked chicken, roast beef, rib lets and
baby back ribs, turkey, ham, steak and
a cake. Drinks will be free. Children up
to 7 will be \$2, teenage \$5. Anna will
inform the newspapers.

Field Day: Anna and Scott submitted
our field day info to ARRL and if they
ok our form, we will have 802 points
for the club.

NEW BUISNESS:
None.

ADJOURNMENT: 20:55 hr.

Dale Anderson, Secretary

**Board of Directors Meeting: July
18, 2014**

ATTENDANCE: Treasurer not present

OLD BUSINESS:

ECOLINK: Gene has not been able to
get in touch with James to retrieve the
equipment. Scott has volunteered to
run ECOLINK.

Stephen McDermott has found a new
website service, **WEB BY ED** that is lo-
cated closer to home. The cost will be
\$19 per month and \$545 for the cost
of building the site, a onetime cost.
Most of the other sites charge \$25 to
\$50 a month and \$1000 to \$2500 for
the build. The board Ok'd Stephen's
request.

NEW BUSINESS:

Gene Wright has said that he can no
longer be VEC and that Tom Rider is
going to take over the VEC position.
Gene will remain a VE. The board Ok'd
Gene's request.

MEMERSHIP APPLICATIONS:

Jeff House: AE6JK renewal

ADJOURNMENT: 21:51 hr.

Dale Anderson,
Secretary

Reminisces by Bill Pope- W6TKE -SK

In January of this year, Gene Wright W6ZRT & Evelyn Weir- K6QXC, consulted with Bill Pope W6TKE, hoping to arrange sessions with Bill in order to record some of his early memories of Ham radio and GEARS. Eventually, Bill's daughter, Carol Pope Brown, took over and guided the project. She provided Bill with a recorder into which he dictated his reflections, memories, and comments. Carol's twin sons, Michael and Kenny interviewed Bill during the dictation periods, and of course, asked many questions.

Carol transcribed Bill's discourse and provided your editor with the results of her efforts, for publication, if I so desired. I am honored to do so.

Shortly after the conclusion of the recording sessions, Bill fell, striking his head on a cement step, tragically, a fatal event.

I will be publishing Bill's "reflections" as a commemorative edition shortly. It is titled, *"Memories-Reflections and Retrospectives—My Introduction to Ham Radio & Gears"*.

It is separate from the newsletter, consists of 14 pages, and so appropriate for this year, our 75th anniversary of GEARS. I hope you will gain as much pleasure reading Bill's comments, as I did in preparing it for you.

Dorothy Post-
Editor, GEARS Radiator

FCC Changes Amateur Radio Exam Credit

FCC has revised the Amateur Service Rules to grant credit for written exam Elements-General and Extra—to holders of "expired licenses that required passage of those elements"..FCC will require former licensees—those falling outside the two year grace period, to pass Technician exam in order to be relicensed.

For full & complete information, see page 68, of *QST*, August 2014 issue, article titled "FCC OKAYS CHANGES TO AMATEUR RADIO EXAM CREDIT"



Caps embroidered with your name and your call sign may be ordered by contacting WA6ZRT -Gene Telephone #530 -345-3515

**VEC TESTING
2:00 p.m.
October 5, 2014
AT BUTTE COUNTY
SEARCH & RESCUE
BUILDING**

**All Classes
Technician, General and
Extra.**

**Contact: W6JS
Tom Rider
530-893-9211**

ARRL support for clubs could use some improvement

By Dan KB6NU

Often, when you hear ARRL officials speak, they extol the virtues of amateur radio clubs, saying things like, "Clubs are the lifeblood of amateur radio." For example, Dale Williams, WA8EFK, in response to my e-mail congratulating him on his appointment as the new ARRL Great Lakes Division director, said that his "plans are to push to keep things local, club-related, and bottom-up driven."

Of course, that kind of set me off. When it comes to club support, the ARRL is more talk than action.

One example of this lack of support is that there hasn't been an issue of the ARRL Club News newsletter for years. Even so, if you log into the ARRL website and look at your e-mail subscriptions page, you'll see that it says that it's supposed to be a monthly newsletter.

I'll also note that the ARRL CEO Harold Kramer, WJ1B, left this particular newsletter off the list of available newsletters in his June QST column. I don't know who at HQ is responsible for producing this newsletter, but the fact that there hasn't been one for so long speaks volumes to me.

Another example is the club commission program. Under this program, clubs get a \$15 commission when they sign up a new member. That's not bad, but the commission falls to only \$2 for renewing members. According to a former treasurer of ARROW, my club here in Ann Arbor, MI, \$2 just wasn't enough to make it worth his while to process renewals.

To be fair, it's not all bad news. The ARRL website does have a page with information on how to set up and run an active club (<http://www.arrl.org/affiliated-club-resources>). The ARRL also has a club liability insurance program is a decent deal for clubs, but that program probably doesn't require much effort on the ARRL's part. The ARRL is also supposed to refer new hams to clubs, but I'm not sure exactly how they do that, and I don't think ARROW's gained any new members from this recently.

Let me ask you. Is your club getting the support it needs from the ARRL? If so, I'd like to hear about what you think they're doing right. If not, I'd like to know what you think they should be doing to help your club.

=====

cwgeek@kb6nu.com.

The GEARS Newsletter Staff:**Editor and Publisher**.....Dorothy Post**Printing & Distribution** snail mail: Evelyn Weir**Website**...Stephen McDermott W6AKF

The Radiator is a monthly publication of the Golden Empire Amateur Radio Society (GEARS). It is the policy of the Editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio, of interest to GEARS members, and space is available. Please send all submissions to the Editor – Dorothy Post by the last day of the month through the following medium: E-mail: dj@posthouse.us

Club Officers: (Board of Directors)

PresidentAnna Horn –KG6ZOA

Vice President..... Scott Petersen-KE6VUS

SecretaryDale Anderson-KK6EVX

Treasurer.....Lester Mikeworth KG6KUO

Past PresidentGene Wright-WA6ZRT

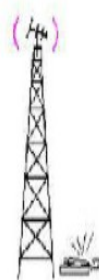
Director..... Tom Rider-W6JS

Director.....Stephen McDermott W6AKF

Director.....Stephen Wolske-KF6HSS

Club Meetings**General Meeting Third Friday 6:30 PM****Board Meeting Third Friday 9:00 PM****GEARS Club Net****Tuesdays 8:00 PM 146.850 MHz-PL 110.9****GARS Club Net: Monday, 19:30 147.105+Mhz PL 110.0****Sacramento Valley Traffic Net****Nightly 9:00 PM 146.850 MHz-PL 110.9****ARES Nets:****Butte Mondays 20:00 145.280 MHz-PL 110.9****Yuba Sutter Thursdays 19:00 146.085+MHz PL 127.3****Glenn Thursday 19:30 147.105 MHz +PL 100.0****Other Nets:****Sac Valley Section Net—7:00 PM 2nd Wed of the month 146.085 MHz+PL 127.3****440 Wed. Night 8:00 PM Wednesday 440.650 MHz****Golden Bear 7:00 PM Daily 3975 kHz****Willie Net 8:00 PM Mondays 1930 kHz****Western Public Service System (WPSS)****Winter 5:00 – 7:30 PM 3952 kHz****Summer 6:00 – 8:30 PM 3952 kHz****ARISS (International Space Station) Uplink 144.490 MHz Downlink 145.800 MHz****Hope-1 satellite: all uplinks are in 145Mhz band:****All downlinks are in 435Mhz band****...California Traffic Net: 3906 KHz nightly @6:00 pm****For traffic listing & @6:30 p.m. for roll call.****Eight Annual****Sacramento Valley****Hamfest****Saturday, Sept 6, 2014****0700 to 1200 Hours****Presented by Western Placer Amateur Radio Club****65 McBean Park (Hwy. 193), Lincoln CA****Bandstand Parking Lot****License Exam Sessions****Exam Info - Dennis KI6HHA@aol.com****Drawing Prizes****Buy and Sell****Ham Radio Related Stuff Only****\$10 per space Approx. 10' x 10'****Bring your own tables****Hamfest Info at WWW.WPARC.US**

Talk-in Frequency
146.640 (-) 156.7



Sunday, August 3, 2014 October 5, 2014	2:00 p.m.	VEC—Exams	Butte Co. Search & Rescue Building 2591 Morrow Lane, Chico	Tom Rider-W6JS 530 893-9211
Wednesday August 6, 2014	7:00 p.m.	GARS-Glenn Glenn Amateur Radio Society General Meeting, & Amateur Radio Emergency Services	Lutheran Church Hall: 565 Main Street Artois	Joel Wilson kj6dif 530 824 6005
Friday, August 8, 2014	7:00 p.m.	OARS Oroville Amateur Radio Society General Meeting	St Paul's Church Parrish Hall 1430 Pine Street Oroville	John Hunt 530 589 4734
Friday August 15, 2014	7:00 p.m.	GEARS Golden Empire Amateur Radio Society General Meeting/Elections	Butte County Search and Rescue Building 2591 Morrow Lane Chico	Anna Horn -kg6zoa 530-877-5939

GEARS 75th Anniversary
August 2014